

AMENDMENTS TO THE ABSTRACT:

Please replace the paragraph (Abstract) beginning at page 28, line 1 with the following rewritten version:

ABSTRACT

A rotary fluid machine is provided with ~~including a rotation mechanism (20)~~ ~~including~~ a cylinder (21) having an annular cylinder chamber, (50); an annular piston (22) ~~which is contained~~ and a blade that form a rotation mechanism. The piston is disposed in the cylinder chamber (50) to be eccentric to the cylinder (21) and divides the cylinder chamber (50) into an outer working chamber (51) and an inner working chamber. The (52); and a blade (23) ~~which~~ is arranged in the cylinder chamber (50) to divide each of the working chambers into a high pressure region and a low pressure region. The ~~the~~ cylinder (21) and the piston (22) make relative rotations. ~~The~~ A width ~~T1~~ of the cylinder chamber (50) is varied along ~~the~~ a circumference of the cylinder chamber (50) such that ~~the~~ a gap between ~~the~~ a wall surface of the cylinder (21) and ~~the~~ a wall surface of the piston (22) is kept to a predetermined value during the rotations. Further, ~~the~~ a width ~~T2~~ of the piston (22) is varied along ~~the~~ a circumference of the piston (22) such that the gap between the wall surface of the cylinder (21) and the wall surface of the piston (22) is kept to a predetermined value during the rotations.